

CANARA BANK : KOLKATA CIRCLE OFFICE

SUMMARY OF BOQ FOR INTERIOR FURNISHING & ELECTRICAL WORK AT DHAMACHIA
BRANCH

SUMMARY OF ESTIMATED AMOUNT

SECTION	WORK	AMOUNT (IN Rs)
PART A	FURNISHING WORK	
PART B	ELECTRICAL WORK	
TOTAL		
Add: GST @ 18%		
GRAND TOTAL		



BOQ OF INTERIOR FURNISHING WORKS FOR CANARA BANK, DHAMACHIA BRANCH

Part- A Civil Furnishing for Branch

Sl.No.	particulars	Unit	Qty	Rate	Amount
1	FALSE CEILING				
a	<p>Providing , fabricating and erecting lay in type tegular or drop type ARMSTRONG false ceiling of 600 mm x 600 mm grid with approved brand of armstrong. The rate shall include the additional cost of Tee and L supports and other accessories near the ends/ odd size edges/corners. Provide additional length support from the ceiling to the false ceiling grid wherever necessary, making necessary openings for electrical light fittings, alarm detectors and any other fixtures. No extra payment for making openings in the panel/grids for the purpose of light fittings. Item rate shall include all the taxes, transportation, erection, loading and unloading and any other incidental expenditure for completing the work. Making necessary framework for AC ducting, if any, and necessary cutout fos, taping and finishing to proper line and level including making grooves and trap doors for ac. unit in 18mm.thk M.r.grade plywood with stainless steel hinges and locks with moulding 1" x1" for edge including finished with white plastic paint. diffusers and light fitting. Ceiling should have 4" drop of yellow colour (as approved by bank). Rates should include ceiling painting also.</p>	Sq.Ft.	857.00		
2	PARTITION				
a	<p>Full Height Solid Partition (for Toilet Entrance and Non AC area Entrance) Supplying and erecting full height Solid as per drawing and conforming to the following specification. Basic Framework : Malaysian Sal wood frame of C.S size 2" x 2" at required spacing but not exceeding than 2' 0" x 2'-0". All the framework shall be coated with two coats of wood preservative and Fire Retardant material. Skin Membrane : The opaque of the partition (3'-0" from the finished floor level) as per design shall be covered with 6mm thk bwp plywood both sides and to be finished with approved 1.5mm laminate(color with vertical grain) as per design with adhesive. 3" x 1/2" wooden skirting to be fixed in all visible areas duly malamine polish as per approval of the architect. Finishing : The opaque portion shall be covered with 1mm thick laminate of the prescribed shade .The groove between two laminates shall be not more than 1mm. Skirting: The skirting shall be 6 " high and 2 " thick covered with BWR grade 6 mm thick ply and finished with the prescribed shade of laminate.</p> <p>Edge Moulds: All free top/ end surfaces shall have teakwood moulds of approved shape (80 x 25 mm C.S) finished with wood polish of mahogany colour. Rate shall include providing cutouts and provisions to run electrical conduits, switches etc. It shall also include the etching, polishing and making holes in the glass if any.The thickness of the partition may vary as per design and the rates shall include the changes in the thickness as well(Solid Partition)</p>	Sq.Ft.	280.00		
	<p>Note: During joint measurement partition height will be considered upto False Ceiling level. In event of difference in false ceiling height, the partition height will be calculated as average height</p>				



	<p>8'-0" Height Partially Glazed Partition (for Branch Manager's Room) Supplying and erecting full height partly glazed partition (False Ceiling height) as per drawing and conforming to the following specification. <u>Basic Framework</u> : Malaysian Sal wood frame of C.S size 2" x 2" at required spacing but not exceeding than 2'-0" x 2'-0". All the framework shall be coated with two coats of wood preservative and Fire Retardant material. <u>Skin Membrane</u> : The opaque portion of the partition (3'-0" from the finished floor level) as per design shall be covered with BWR grade 6 mm thick ply on both sides of the partition. <u>Finishing</u> :The opaque portion shall be covered with 1mm thick laminate of the prescribed shade .The groove between two laminates shall be not more than 1mm. <u>Skirting</u>: The skirting shall be 6 " high and 2 " thick covered with BWR grade 6 mm thick ply and finished with the prescribed shade of laminate. <u>Glazing</u>: The transparent parts of the partition shall comprise of 12 mm thick clear glass (etched as per design) tightened in place with teakwood glazing bead of approved shape and polishing the same with wood polish of mahogany colour as per the instruction of the architect. In case of Cash counters the glass shall have hole for transaction of money and papers. <u>Edge Moulds</u>: All free top/ end surfaces shall have teakwood moulds of approved shape (80 x 25 mm C.S) finished with wood polish of mahogany colour. Rate shall include providing cutouts and provisions to run electrical conduits, switches etc. It shall also include the etching, polishing and making holes in the glass if any.The thickness of the partition may vary as per design and the rates shall include the changes in the thickness as well</p>				
a	Glazing Ht.:- From 3'-6" to 7'-6". (Manager Room Partition Height 8')	SFT	152.00		
b	Low Height Glazing Partition.Glazing Ht.:- From 3'-0" to 4'-0"	SFT	43.00		
c	Low ht. Partly Glazed Partition for table tops 6" high (cash head cleark & last WS Side)	SFT	6.00		
d	Low ht. Partition for 4' high SOLID	SFT	6.32		
e	Aluminium block (2"x2")frame work with ACP8 mm thick whit colour Low ht. Partition for 4' high (ups room)	SFT	35.00		
(f)	<p>Full Height Partially Glazed Partition (for Cash Area) Supplying and erecting full height partly glazed partition (6'-0") as per drawing and conforming to the following specification. <u>Basic Framework</u> : Malaysian Sal wood frame of C.S size 2" x 2" at required spacing but not exceeding than 2'-0" x 2'-0". All the framework shall be coated with two coats of wood preservative and Fire Retardant material. <u>Skin Membrane</u> : The opaque portion of the partition (3'-8" from the finished floor level) as per design shall be covered with BWR grade 6 mm thick ply on both sides of the partition. <u>Finishing</u> :The opaque portion shall be covered with 1mm thick laminate of the prescribed shade .The groove between two laminates shall be not more than 1mm. <u>Skirting</u>: The skirting shall be 6 " high and 2 " thick covered with BWR grade 6 mm thick ply and finished with the prescribed shade of laminate. <u>Glazing</u>: The transparent parts of the partition shall comprise of 12 mm thick clear glass (etched as per design) tightened in place with teakwood glazing bead of approved shape and polishing the same with wood polish of mahogany colour as per the instruction of the architect. In case of Cash counters the glass shall have 2" gap for transaction of money and papers.</p>	SFT	179.00		



	<p><u>Customer Side Platform</u>: The customer side Platform shall be 3'-6" from the finished floor Level and shall have a 1'-0" wide Platform finished with polished granite. The glazing shall be fixed from the centre to divide this platform in two parts i.e 6" inside and 6" outside</p> <p><u>Edge Moulds</u>: All free top/ end surfaces shall have teakwood moulds of approved shape (80 x 25 mm C.S) finished with wood polish of mahogany colour.</p> <p>Rate shall include providing cutouts and provisions to run electrical conduits, switches etc. It shall also include the etching, polishing and making holes in the glass if any. The thickness of the partition may vary as per design and the rates shall include the changes in the thickness as well. Also the rates shall include the application of Aluminium Louvers in the cash Cabin. (Cash cabin door lock - Godrej Night Latch Lock).</p>				
2	PANELLING FOR FREE STANDING PILLARS & TOP APRONING. (Manager Room Back wall)				
a	<p><u>Column Encasing</u> (upto false ceiling level) works as per drawing and conforming to the following specification:</p> <p><u>Basic Framework</u>: Well seasoned Malaysian Sal wood Sections treated with two coats of wood preservative and Fire retardant material of cross section size 2" x 1" at horizontal and vertical spacing of not more than 2'-0" x 2'-0" c/c.</p> <p><u>Skin Membrane</u>: Providing and fixing 4 mm thick plywood of BWR grade as per drawing/ instruction.</p> <p><u>Finishing</u>: 1 mm thick laminate of same or combination shades as per drawing or instruction and groove not more than 1 mm.</p> <p><u>Skirting</u> : Providing and fixing of Malaysian Sal of size 6" x 1" C.S and membraning the same with 4 mm thick plywood of BWR grade and finishing it with 1 mm thick laminate of same or combination shade as per instruction/ drawing.</p> <p>Rate shall also include providing cutouts and provisions to run electrical conduits, switches etc. The thickness of the partition may vary as per design and the rates shall include the changes in the thickness as well</p>	SFT	52.25		
3	DOORS				
3.1	Full height partly glazed / Full Blocked door				
	<p>Providing and fixing solid core flush door of 35mm thick, finished with 1mm thick approved colour laminate. A wooden cover moulding of 3"x 3/4" thick white beach/ white cedar with natural polish should be provided for floor spring fitted door. 8mm thick glass with etching (approved design) shall be provided with 1 1/2"x 3/4" thk. white beach/ white cedar glass moulding (as per approved design) with natural polish for full height partly glazed door. In case of vision panel door 18"x 9" 8mm thick clear glass with moulding with natural polish to be provided. The rate shall be inclusive of floor spring (heavy duty), 4" brass hinges, doorstopper, screws, 10" "H" shape brass handle (Kitch), dead lock of godrej, key hole cover, night latches, tower bolt, door closer of approved make. All edges of the door to be covered with necessary lipping with natural polish. The edges of the door frame shall also be covered with wooden bead and finished with natural polish. The work should be completed as per the specification, design, and approval of the architect.</p>				
	<p>Note : Wooden door frame fixed to the wall shall have 4" x 2 1/2" white beach/ white cedar (seasoned) section with natural polish. The doors fitted with door closures shall be provided 3" x 1 1/2" white beach/ white cedar section with natural polish for door frame work</p>				
a	Partly Glazed Doors 2'-6" x 6'-0" Cash Counter-2, (Cash cabin door lock Godrej Night Latch Lock) Record room with Storage room, Cash Entrance	NO	5		
b	Partly Glazed Door 3'-0" x 7'-0" & 2'-6" x 7'-0" (Manager's Cabin)	NO	2		
c	Partly Glazed Doors 2'-6" x 7'-0" (Entrance to Non AC Area)	NO	1		



d	Solid flush Doors: 3'-0" x 7'-0" (Non AcToilet Area)	NO	1		
e	Wicket Gate 2'-6" x 4'-0"	NO	2		
3.2 MAIN ENTRANCE DOOR (3'-6" X 7'-0")					
a	Providing and fixing of fully glazed pivolted door at the main entrance consists of 6"x2" seasoned white beach/ white ceader wood section for bottom rail and 4"x2" seasoned white beach/white ceader wood section for top rail finished with natural polish. 12mm thk modi guard/saint gobain clear float glass with banks logo (as per design) and S/S matt finish handle (6'-0" long) of neki /haffle make to be fixed on both sides & proper locking arrangement in bottom rail to be done. The rate should be inclusive of lipping, moulding, beading and heave duty floorspring of approved make. The work to be completed in all respect as per design, direction and approval of the architect. The rate include the etching and logo of the bank as per design	NO	1		
b	MAIN ENTRANCE 12MM FIXED GLASS provided and fixing 12mm thk modi guard/saint gobain clear float glass . (as per design) glass 7' partition	Sqft	8		
4 FURNITURE					
4.1 TABLE					
	Providing and fixing table made out of 19mm thk BWR block board for top, sides and front of approved make cladded with 1mm laminate as per design in all visible areas. The table will have 1Nos of tray, 1 nos of drawer 6" high and 1nos storage unit 15 " high. The tray 1" thick 12mm BWR plywood fboth side laminated, The drawer and storage to be made out of 12mm BWR plywood and bottom and back made out of 6mm BWR plywood and it should play drawer sliding channels. The inside of the drawer and the table to be synthetic enamel painted (approved colour). A leg rest to be provided duly painted made out of 3"x1" TWsection with synthetic enamel paint finished. Key board to be made by 19mm thk BWR block board cladding with 1mm thk laminate. The necessary multipurpose lock (brass) ,brass hinges, 4" matt finished handle, (brass) of approved make to be provided in each drawer. 3/4" half round white beach/ white cedar wooden moulding with natural polished to be provided in the table top fascia as per detail drawing. On top of all tables 12 mm thick clear glass to be provided . The rates shall include the polishing and bevelling of the glass. The table front apron should have 3/8" half round white ceader moulding finished with natural polish. The table front guard should be as per design with the projected part to be lifted with 6 mm ply from the base surface made of 12 mm ply and finished with the desired shade of laminate. The necessary wire manager to be provided on the table. Below mentioned SWO table top will 3/4" thk. All the expose area duly enamel painted. The work to be completed as per detail drawing and approval of thr Architect. pls refer detail drawing while coating for other details.				
a	Br manager (6'x 3')	NO	1		
b	Officers (5' X 2'-6")	NO	2		
c	Clerk's (4' X 2') 2 table Removable	NO	3		
d	Daftary Table (3.5" x 2') Removable	NO	1		
e	CASH TABLES				



	<p>Providing and fixing top, front and sides for cash and SWWS counter made out of 19mm BWR block board as per design cladded with 1mm thk laminate and the expose edges to be finished with necessary white beach or white ceader lipping, moulding (as per design) etc. The counter will have The table will have 1Nos of tray, 6" height 1 nos of drawer and 15" height 1nos storage unit. The tray 1" thick 12mm BWR plywood fboth side laminated,. the front of the drawer and storage made out of 19mm BWR block board finished with 1mm thk laminate, sides 12mm BWR plywood and bottom , back made of 6mm BWR plywood. The inside and sides of the drawer to be synthetic enamel painted. The drawer and shutter to be provided with necessary drawer sliding channel, 4" matt finish handle, brass inges, godrej multipurpose lock etc. A leg rest to be provided made out of 19mm thk BWR block board duly enamel painted. Inside of the unit to be enamel painted in the matching tone. All visible area covered with white beach/ white cedar lipping, moulding with natural polish. Wire manager approved colour, legrest and key board tray made out of 19mm BB finish with 1mm thk laminate to be provided.3"x1/2" white beach / white ceader skirting to be provided with natural polish in all visible areas. 12 mm thick clear glass shall be provided with 3/4 " dia steel studs along with bevelled amd polish surace edges of glass.The work should be completed as per specification, detail drawing and approval of the architects. pls refer detail drawing while coating for this item for other detail</p>	RFT	10		
4.2	SIDE UNIT (Manager)				
	<p>Providing and fixing side unit/ back unit made out of 19mm BWR block board for top, sides and 6mm thk BWR ply for back finish with 1mm thk laminate. The drawers to be made out of 19mm BWR block board in the front cladded with 1mm laminate. Side to be made out of 12mm plywood and bottom, back made out of 6mm plywood and it should play on drawer sliding channel. Drawer and sliding shutter inside to be synthetic enamel painted. The sliding shutter made out of 19mm block board with 1mm laminate finished and should play on alluminium channel all four sides. The necessary godrej multipurpose lock, brass hinges, 4" brass matt finish handle,4" brass matt finish sliding handle etc to be provided. 3"x 1/2" white beach/ white cedar wooden skirting with natural polish to be provided as per matching tone all along the visible areas. Inside of the unit to be synthetic enamel painted in matching tone. All the expose edges of the boards/plywood to be covered with white beach/white ceader lipping/ mouldings with natural polishall completed. side and back unit top will have 1 1/2"x 1" white beach/white ceader moulding with natural polish at front facia. The work to be completed as per specification, design and approval of the architect.Note that there will be stands below the storages and the base should be 6" above the FFL.</p>	SFT	24		
4.3	STORAGE				
	<p>Providing and fixing storage made out of 19mm BWR block board for top, sides and 6mm BWR ply for back finished with 1.0mm laminate. The shutter to be made out of 19mm block board with 1mm laminate. The necessary multipurpose locks, 6" brass matt finished handle, brass hinges etc to be provided. 3"x1/2" white beach/white ceader skirting to be provided duly natural polish as per matching tone, Inside of the unit to be synthetic enamel paintedn in matching tone.All the exposes edges of the boards/ plywoods to be covered with white beach / white ceader lipping 1 1/2"x 1" moulding duly natural polish all complete. For full height storage file divider made out of 6mm thk ply to be provided, The work to be completed as per approval and specification of the Architect.Note that there will be stands below the storages and the base should be 6" above the FFL.</p>				
a	Full Height Storage(upto 7'-0") .	SFT	25		
b	Low Height storage (upto 3'-0")	SFT	24		
4.4	WRITING LEDGE (size: 3'-6"x1'-4")				



	Providing and fixing writing ledge as per design made out of 19mm block board with necessary groves pattern, 1.0mm laminate to be cladded. 18mm thk approved colour italian marble with bull nose moulding (double) at facia to be provided on top of the writing ledge. A divider made of 19mm thk block board to be provided. White beach / white cedar lipping with natural polish to be used in all exposed areas. Inside of writing ledge to be enamel painted.The work to be completed as per design and approved of the architect.	NO	1		
4.5	CHEQUE DEPOSIT BOX				
	Providing and fixing cheque deposit box made out of 19mm thk block board & finished with 1mm thk laminate and inside to be synthetic enamel painted. A1"high slit & small door with key and locking arrangement to be done for dropping and taking out the slips. The work to be completed as per design, direction and approval of the architect.	NO	1		
4.6	COMPLAIN BOX				
	Providing and fixing suggestion box made out of 19mm block board and finished with 1mm thk laminate and inside to be synthetic enamel painted. A 1" high slit & small door with key and locking arrangement to be done for dropping and taking out the slips. The work to be completed as per design, direction and approval of the Architects.	NO	1		
5	ENCASEMENTS				
5.1	ENCASEMENTS FOR MAIN ENTRANCE DOOR				
	Encasement for entrance doors with 6 mm ply finished with the desired shades of laminates.	Sqft.	59.5		
5.2	MAIN ELECTRIC PANEL ENCASEMENT				
	Providing and fixing main electric panel encasement in position fabricated out of 19mm BWP BB with 1mm thk laminate for top, both sides and front. Encasement will be having powder coated aluminium louver & 6mm thk glass for seeing the indicator in both pallahs. The exposed surface of 19mm thk BWP BB finished with white beach/white cedar lipping & inside to be enamel painted. The item to be completed in all respect as per design, direction and approval of the architects.	Sqft.	45		
6	MISCELLANEOUS ITEMS				
6.1	VERTICAL BLINDS				
	Providing and fixing vertical blinds of 100 mm wide (Mac/Annams) of approved shade and pattern having handrail made of high strength aluminium alloyed wll thickness of 1.2 mm thk handrail to have 25mm decorative insert. Control unit shall be of derlin. The runners are also to be a derlin withantiflixtion adhesive. Spacers should be made of stainless steel. Febric should be polyester viscoted/polyester yarn having protective coating with chemicals for stain resistance & soilrepalancy. The rate shall include necessary scotch gurd treatment on both sides. The overlapping should be uniform and adequate. Necessary operative arrangements frames to be provided. The work to be completed asper specification and approval of the Architect.	SFT	125		
6.2	SOFT BOARD				
	Providing and fixing soft board / notice board fabricated out of 12mm BWR ply covered with 12mm soft board padding and upholstery propylene fabric @ 80/mtr. Edges of soft board should have white beach/white cedar moulding with natural polished.	SFT	24		
	Note: Where pin up board is in a panelled area, the top of the pin up board should be flushed with panel, keeping the same level. The work should be completed as per specification, design and approval of the Architects.				
	TOTAL AMOUNT OF CIVIL FURNISHING WORK				



BOQ OF ELECTRICAL WORKS FOR CANARA BANK, DHAMACHIA BRANCH

Part B:- ELECTRICAL WORK FOR BRANCH

Sr. No.	Description	Unit	Qty.	Rate	Amount (In INR)
A	PANEL & DISTRIBUTION BOARDS.				
1	Supplying, Fabricating, assembling, inter-connecting, testing and connecting with incoming and outgoing power cables and lines as required to complete the job of CUBICAL TYPE ELECTRICAL PANEL made from 14 SWG CRC M.S sheet with proper earthing terminal(Nut-bolt and washer)-02 nos. outside panel, same nut-bolt to tighten with internal earth bus-bar of panelsituated inside loose wire box (on top portion of the panel). On top side of the panel, cable entry arrangement is to be done for incoming and outgoing of lines. One 6" x 4" enamel type 440 Volts danger board to be fixed on the main panel busbar cover. All switches are front handle operated and all MCB knob should be visible. All componenets are to be provided in separate compartment and only DBs in one compartment. The main componenets are	Nos.	1		
a	125 AMPs TPN MCCB, (Breaking capacity 35 KA)) as WBSEDCL MAIN INCOMER	set	1		
b	200 AMPs 4 Pole Cu. Busbar	set	1		
c	125 AMPs 4pole change over switch	No.	1		
d	63 AMPs TPN MCCB(Breaking Capacity-35 KA) as DG INCOMER	Nos.	1		
e	63 Amps TPN MCCB (35 KA) from BUSBAR outgoing for RAW POWER & LIGHTING DB	Nos.	1		
f	63 Amps TPN MCCB (35 KA) from BUSBAR outgoing for AIRCONDITIONER DB	Nos.	1		
h	32 AMPs DP MCB as glow sign board main	Nos.	1		
i	40 A D.P MCB - C-Series (For 5+3 Kva Ups)	Nos.	2		
j	AMPs meter 0-100 AMPs with 3 Nos. CT & selector switch 96 x 96 mm-01 set (A.E make) (CT ratio 100/5) A.E. make	set	1		
k	Voltmeter-0-500 Volt A.C. 50 Hertz 96 x96 mm with selector switch (A.E make)-01 set	set	1		
l	22 mm dia LED indicator Lamp	Nos.	6		
m	02 AMPs sliding fuse	Set	6		
n	150 x 100 mm enamel danger board 440 Volt(to set on bus bar cover)	No.	1		
2	4-WAY TPN MCB DB with 32 TP & N MCB as main (Airconditioning DB)25 A SPMCB-5 Nos.,20 AMPs SP MCB-5 Nos.,16 A SPMCB-02 Nos.,Neutral Bar-01 set	Nos.	1		
3	12-WAY TPN MCB DB with 32 TP & N MCB as main (Lighting & RAW POWER)16 A SPMCB-12 Nos.,10 AMPs SP MCB-14 Nos,Neutral Bar-01 set	Nos.	1		
4	Supplying, installation and Termination of UPS out-going power distribution system with 12 way SPN DB comprising of 10 x 10 AMPs SP MCB and 32 AMPs DP RCBO 300 MA as main (MDS make) IP-42 protection with double door. Power is to be taken from existing DB.	Nos.	2		



5	Supplying, installation and Termination of UPS out-going power distribution system with 12 way SPN DB comprising of 10 AMPs SP MCB-8 nos., 32 amps DP MCB and 32 AMPs DP RCBO 300 MA as main (MDS make) IP-42 protection with double door. Power is to be taken from existing DB	Nos.	1		
6	Supply and fixing of 125 AMPs TPN Switch Fuse Unit of HRC type at WSEB for main incoming on MS angle frame and 02 nos. cable end box including connection	Nos.	1		
TOTAL FOR PANEL AND DISTRIBUTION BOARD					
B CABLES AND CABLE END TERMINATION					
1	Supply & Fixing 3.5 C X 50 Sqmm Al. Ar. Cable From Meter room to Panel	Mtr	40		
2	Supply & Fixing 3.5 C X 50 Sqmm Al. Ar. Cable From DG to Panel	Mtr	45		
3	Supply & Fixing 3.5 C X 25 Sqmm Al. Ar. Cable From panel to AC DB	Mtr	5		
4	Supply & Fixing 3.5 C X 25 Sqmm Al. Ar. Cable From Panel to Raw Power & Lighting DB	Mtr	5		
5	Supply & Fixing 3.0 C X 6 Sqmm Cu. PVC Insulated wire in PVC Conduit (from panel to UPS)	Mtr	13		
6	Supply & Fixing 3.0 C X 6 Sqmm Cu. PVC Insulated wire in PVC Conduit (from UPS to UPS DB)	Mtr	10		
7	Supply & Fixing Cable End Termination.				
a	3.5 C X 50 Sqmm Al. Ar.	Nos	4		
b	4.0 C X 25 Sqmm Al. Ar.	Nos	8		
c	3.0 C X 6 Sqmm Cu.	Nos	8		
TOTAL OF CABLE AND CABLE END TERMINATION					
C WIRING					
1	Wiring for Light Point with 20 mm PVC pipe with 2x1.5 Sqmm wire and 1x1.5 Sqmm green earth wire for light Points as reqd. complete with modular switch with front plate				
a	One light controlled by 6A switch	Nos.	20		
b	Two light controlled by 6A switch	Nos.	12		
c	Exhaust fan point with 6 A sw complete with modular switch plate & M.S conceal box & 3 pin ceiling rose	Nos.	3		
d	Fan point complete with modular switch and Socket plate & M.S conceal box & 3 pin ceiling rose	Nos.	12		
e	Call bell point with push type switch, modular plate & M.S. conceal box with buzzer or ding dong type bell	Nos.	2		
2	RAW POINT WIRING-The wiring shall pass through PVC pipe of 20 mm dia with ISI mark to conceal on wall below false ceiling mending good all the damage				
a	Supply, laying of circuit line 2x2.5 sq.mm +1 x 1.5 Sq.mm PVC insulated copper wire from MCB type lighting DB to 6 amp plug points (3 nos. 6 Amps plugs to be connected from one circuit line)	Mts.	295		



b	Modular type 6 A switch with 6A 5 pin socket . Mounted on suitable front plate	Nos.	21		
c	Wiring for Power Point 6/16 A Switch & Socket with 25mm PVC pipe with 2x2.5 Sqmm wire and 1x1.5 Sqmm green earth wire for Power Points as reqd. This line has to be drawn from the power DB. (02 nos. plugs to be connected with one circuit)	Mtr	240		
d	Modular type 6/16 A switch. with 16A 5 pin socket . Mounted on suitable front plate	Nos.	12		
3	UPS WIRING				
a	Wiring for Power Point 6/16 A Switch & Socket with 25mm PVC pipe with 2x2.5 Sqmm wire and 1x1.5 Sqmm green earth wire through PVC casing 20 mm dia 16 SWG with ISI mark to lay from UPS MCB DB to plug point board	Mtr	290		
b	Supply and fixing of 2 x 6 Amps 5 pin socket + 1 x 16 amps 6 pin socket in single board (under table) + 1 x 16 A switch (Modular switch + socket) in another board above table as per direction	Set	11		
c	Do- but 3 x 6/16 , 6 pin socket with three control switch to provide near HUB Rack and line printer to be connected from UPS power.	Set	2		
d	Supplying, installation of UPS incoming 32 Amps industrial socket with 32 Amps SPMCB (2 nos. for out going and 2 nos. for incoming)	Nos.	4		
	TOTAL OF WIRING				
D	DATA/ TELEPHONE-LOW VOLTAGE SYSTEM				
1	Supplying, laying and connection of telephone points with 2 pair .51 sq.mm tinned Cu conductor through PVC casing ISI mark from telephone point to Krone DB complete with RJ 11 telephone socket modular type in PVC concealed box.	Nos.	2		
2	Do- 10 pair 0.51 sq.mm copper conductor telephone cable in 20 mm dia PVC pipe	Mtr.	40		
3	Supply, fixing and connection of 10 pair KRONE connector DB complete with PVC moulded Telephone DB box with locking system	set	1		
4	Providing & Fixing modular type RJ - 45 I/O Box Single Outlets in Complete.	Nos.	11		
5	Providing and laying PVC pipe complete as reqd. for Telephone-Low Voltage System				
a	20 MM	Mtr.	30		
b	25 MM	Mtr.	24		
	TOTAL OF DATA/TELEPHONE-LOW VOLTAGE SYSTEM				
E	FIXTURES.				
1	2'-0"x2'-0" Surface LED (HAVELLS/PHILIPS/ make)	Nos.	18		
2	Supply and Fixing of surface mounted luminaries to Philips Double LED x 36 W complete with down rod and accessories	Nos.	9		
3	Supply and Fixing of 1x36/40 Watts 600 mm length Slim Tube Light for Coffe Lights (Havells Make)CASH COUNTER	Nos.	2		
4	Supply and Fixing of 1x36/40 Watts 1200 mm length Slim Tube Light (Havells Make)	Nos.	12		



5	Supply and Fixing of Modular Downlighter of 170mm size with 2x12 watts Led Fixtures.	Nos.	3		
6	9" heavy duty exhaust fan with louvre in toilet / pantry inclusive of hole cutting in the wall and finished with plastering complete	Nos.	3		
7	Wall Hung fan complete with all fitting and mending good all damages	Nos.	10		
8	Ceiling Hung fan complete with all fitting and mending good all damages	Nos.	2		
TOTAL OF FIXTURES					
F A / C SYSTEM					
1	Supply & fixing of starter with 3 pin plug in recessed MS box suitable for 1TR AC/2 TR AC	Nos.	5		
2	Supply and Fixing in 25mm PVC Pipe with 3x 6 Sqmm Cu. Cable For Single phase A/C Point Complete & reqd.	Mtr	150		
TOTAL OF A/C SYSTEM					
G SERVO STABILIZER					
1	Supply/Installation/Commissioning of Oil Cooled Servo Stabilizer of 10 kva	Nos.	1		
TOTAL OF SERVO STABILIZER					
H EARTHING					
1	Supply & Fixing 25 mm PVC Pipe with 8 SWG 2no, Copper wire for Earthing.	Mtr.	50		
2	Supply & Fixing 25x 3 mm GI Earth Strip 2no, Earth pit to Panel.	Mtr.	35		
3	Providing earthing station at loca-tion as called for including provid-ing 600 mm x 600 mm x 6 mm thick tinned GI electrode 2 Nos 50 x 6 mm GI strip up to ground level 20mm dia medium class GI pipe (India Tube Company make or approved equal) CI funnel with 20 gauge GI wire mesh, masonry chamber with concrete base, CI man-hole cover with frame (300mm x 300mm) and bitumastic paint and packing the fixture of charcoal and common salt around plate electrode complete as per I.S. (Minimum depth shall be 3.0 M) (for Body earthing) - The resistance of the earth system shall not exceed 1 ohm	Nos.	1		



4	Providing earthing station at loca-tion as called for including provid-ing 600 mm x 600 mm x 3 mm thick tinned copper electrode 2 Nos 50 x 6 mm copper strip up to ground level 20mm dia medium class GI pipe (India Tube Company make or approved equal) CI funnel with 20 gauge GI wire mesh, masonry chamber with concrete base, CI man-hole cover with frame (300mm x 300mm) and bitumastic paint and packing the fixture of charcoal and common salt around plate electrode complete as per I.S. (Minimum depth shall be 3.0 M) (One for equiment earthing & technical earthing, another for Neutral earthing) - The resistance of the earth system shall not exceed 1 ohm	Nos.	1		
TOTAL OF EARTHING					

TOTAL FOR ELECTRICAL WORK		
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